



New Power of Atty
Attached

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SMC
5/7/03

Attorney Docket No.: 06491.P049
Confirmation Number: 2663

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

In Re Application of:)
Norrell et al.)
Application No: 09/819,158)
Filing Date: March 27, 2001)
For: DSL Compatible Load Coil)

Examiner: Swerdlow, D. MAY 07 2003
Art Unit: 2644 Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT AND RESPONSE TO OFFICE ACTION

IN THE CLAIMS

C1
1. (Currently Amended) A load coil for insertion along a local loop, the load coil comprising:
a coupled inductor having first and second windings wrapped about an inductor core, each winding having an input and an output, the coupled inductor configured to counteract a parallel capacitance of the local loop to improve transmission of POTS-band signals across the local loop, wherein the first and second windings have an inter-winding capacitance value between them;
a first capacitive element disposed between the input of the first winding and the input of the second winding; and